



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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(0.310)

In re Application of

PANDELISEV, KIRIL A.

Serial No. 09/880,943

Art Unit: 2874

Filed: June 15, 2001

Examiner

For: HOT SUBSTRATE DEPOSITION OF FUSED SILICA PROCESS  
AND APPARATUS

**INFORMATION DISCLOSURE STATEMENT**

To the Director of the Patent and Trademark Office

Sir:

Under the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, applicant submits herewith copies of publications that the Patent Office may wish to consider in examination of the subject application. The publications are listed on the attached Form PTO 1449 (modified).

Respectfully,

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October 5, 2001

FORM PTO 1449 (modified)

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PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
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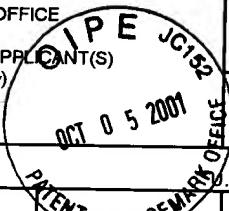
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TC 1700

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,370,921	2/27/1968	Wagstaff			RECEIVED
	AB	3,576,932	4/27/1971	Biddulph			OCT 31 2001
	AC	3,619,440	11/9/1971	Gray			TC 1700
	AD	3,620,702	11/16/1971	DeKalb et al.			
	AE	3,620,704	11/16/1971	Gray			
	AE	3,644,607	2/22/1972	Roques			
	AG	3,698,936	10/17/1972	Moltzan			
	AH	3,713,854	1/30/1973	Beall			
	AI	3,741,796	6/26/1973	Walker			
	AJ	3,784,386	1/8/1974	Araujo et al.			
	AK	3,806,570	4/23/1974	Flamenbaum et al.			
	AL	3,814,620	6/4/1974	Bailey et al.			
	AM	3,839,054	10/1/1974	Forker, Jr. et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	AN	EP0249278	3/7/1990	Europe			
	AO	EP0265023	4/27/1988	Europe			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO.	SERIAL NO. 09/880,943			
OCT 05 2001 U.S. PATENT DOCUMENTS PATENT & TRADEMARK OFFICE			APPLICANT PANDELISEV, KIRIL	FILING DATE June 15, 2001 GROUP			
			OCT 9 2001 RECEIVED U.S. PATENT DOCUMENTS PATENT & TRADEMARK OFFICE				
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,848,152	11/12/1974	Schultz			RECEIVED OCT 31 2001 TC 1700
	AB	3,971,645	7/27/1976	Bachmann et al.			
	AC	4,033,780	7/5/1977	Baumgartner et al.			
	AD	4,059,658	11/22/1977	Shoup et al.			
	AE	4,090,055	5/16/1978	King			
	AF	4,112,032	9/5/1978	Blaszyk et al.			
	AG	4,125,389	11/14/1978	King			
	AH	4,157,253	6/5/1979	Hernqvist			
	AI	4,286,981	9/1/1981	Clasen et al.			
	AJ	Re. 30,883	3/16/1982	Rau et al.			
	AK	4,432,781	2/21/1984	Okamoto et al.			
	AL	4,437,727	3/20/1984	Treber			
	AM	4,523,939	6/18/1985	Jenkins et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	EP0318100	5/31/1989	Europe			
	AO	EP0448155	10/12/1984	Europe			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
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U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,643,751	2/17/1987	Abe			RECEIVED OCT 05 2001
	AB	4,682,995	7/28/1987	Clasen			OCT 31 2001
	AC	4,684,385	8/4/1987	Clasen			TC 1700
	AD	4,684,386	8/4/1987	Clasen			
	AE	4,684,387	8/4/1987	Clasen et al.			
	AF	4,689,066	8/25/1987	Clasen et al.			
	AG	4,726,828	2/23/1988	Clasen			
	AH	4,747,863	5/31/1988	Clasen et al.			
	AI	4,816,051	3/28/1989	Clasen et al.			
	AJ	4,826,521	5/2/1989	Wiechmann et al.			
	AK	4,848,998	7/18/1989	Snitzer et al.			
	AL	4,859,224	8/22/1989	Clasen			
	AM	4,866,857	9/19/1989	Clasen			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	EP0529189	11/12/1996	Europe			
	AO	EP0546196	5/2/1997	Europe			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

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FORM PTO 1449 (modified)

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OCT 05 2001  
U.S. PATENT DOCUMENTS

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,888,036	12/19/1989	Clasen			RECEIVED OCT 5 1 2001 TC 1700
	AB	4,923,497	5/8/1990	Leber et al.			
	AC	4,929,579	5/29/1990	Lassiter			
	AD	4,981,435	1/1/1991	Clasen et al.			
	AE	5,049,175	9/17/1991	Röss et al.			
	AF	5,090,980	2/25/1992	Clasen			
	AG	5,096,865	5/17/1992	Dunworth			
	AH	5,120,444	6/9/1992	Clasen			
	AI	5,152,819	10/6/1992	Blackwell et al.			
	AJ	5,171,343	12/15/1992	Leber et al.			
	AK	5,182,052	1/26/1993	Lydtin et al.			
	AL	5,248,638	9/28/1993	Elmer et al.			
	AM	5,256,855	10/26/1993	Heanley et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	EP0607433	7/27/1994	Europe			
	AO	EP0630866	7/14/1999	Europe			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	
AQ	

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PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
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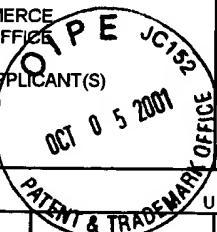
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,300,466	4/5/1994	Elmer et al.			
AB	5,395,413	3/7/1995	Sempolinski et al.			
AC	5,429,653	7/4/1995	Leber et al.			
AD	5,522,007	5/28/1996	Drouart et al.			
AE	5,616,159	4/1/1997	Araujo et al.			
AF	5,637,284	6/10/1997	Sato et al.			
AG	5,665,132	9/9/1997	Ruppert et al.			
AH	5,665,139	9/9/1997	Ruppert et al.			
AI	5,667,547	9/16/1997	Christiansen et al.			
AJ	5,696,038	12/9/1997	Maxon			
AK	5,698,484	12/16/1997	Maxon			
AL	5,702,497	12/30/1997	Oh et al.			
AM	5,736,206	4/7/1998	Englisch et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AN	EP0747327	3/17/1999	Europe			
AO	EP0850890	7/1/1998	Europe			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	
AQ	

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## U.S. PATENT DOCUMENTS

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AA	5,738,702	4/14/1998	Ruppert et al.			RECEIVED OCT 31 2001 TC 1700
AB	5,764,345	6/9/1998	Fladd et al.			
AC	5,766,291	6/16/1998	Sato et al.			
AD	5,769,921	6/23/1998	Yokokawa			
AE	5,785,729	7/28/1998	Yokokawa et al.			
AF	5,790,736	8/4/1998	Fabian			
AG	5,837,024	11/17/1998	Fabian			
AH	5,892,876	4/6/1999	Desurvire et al.			
AI	5,896,222	4/20/1999	Rosplock et al.			
AJ	5,897,681	4/27/1999	Lysson et al.			
AK	5,931,984	8/3/1999	Drouart et al.			
AL	5,942,296	8/24/1999	Oh et al.			
AM	5,944,867	8/31/1999	Chesnay et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
AN	EP0867531	9/30/1998	Europe				
AO	EP0870737	10/14/1998	Europe				

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	DATE CONSIDERED
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OCT 05 2001  
U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,970,083	10/19/1999	Orcel et al.			RECEIVED OCT 31 2001 TC 1700
	AB	5,970,750	10/26/1999	Humbert et al.			RECEIVED OCT 31 2001 TC 1700
	AC	5,972,115	10/26/1999	Maurin et al.			RECEIVED OCT 31 2001 TC 1700
	AD	5,979,186	11/9/1999	Köppler et al.			RECEIVED OCT 31 2001 TC 1700
	AE	5,979,189	11/9/1999	Campion et al.			RECEIVED OCT 31 2001 TC 1700
	AF	5,993,899	11/30/1999	Robin et al.			RECEIVED OCT 31 2001 TC 1700
	AG	6,007,786	12/28/1999	Campion et al.			RECEIVED OCT 31 2001 TC 1700
	AH	6,026,207	2/15/2000	Reddy et al.			RECEIVED OCT 31 2001 TC 1700
	AI	6,047,564	4/11/2000	Schaper et al.			RECEIVED OCT 31 2001 TC 1700
	AJ	6,047,568	4/11/2000	Campion			RECEIVED OCT 31 2001 TC 1700
	AK	6,125,659	10/3/2000	Yang			RECEIVED OCT 31 2001 TC 1700
	AL	6,134,922	10/24/2000	Shimada et al.			RECEIVED OCT 31 2001 TC 1700
	AM	6,143,676	11/7/2000	Ohashi et al.			RECEIVED OCT 31 2001 TC 1700

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	EP0999189	5/10/2000	Europe			
	AO	WO97/10184	9/11/1996	World Organization			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

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PATENT &amp; TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,145,344	11/14/2000	Oyamada et al.			
	AB	6,269,663	8/7/2001	Drouart et al.			
	AC						
	AD						
	AE						
	AG						
	AH						
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	AK						
	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN	WO98/07053	2/19/1998	World Organization			
	AO	WO98/27140	6/25/1998	World Organization			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
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EXAMINER

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